

Title (en)
AUTOMATED FORMING OF PRE-IMPREGNATED COMPOSITE STRUCTURAL ELEMENTS

Title (de)
AUTOMATISIERTE HERSTELLUNG VON VORIMPRÄGNIERTEN VERBUNDSTRUKTURELEMENTEN

Title (fr)
FABRICATION AUTOMATISEE D'ELEMENTS STRUCTURELS COMPOSITES PREIMPREGNES

Publication
EP 1755879 A2 20070228 (EN)

Application
EP 05737391 A 20050421

Priority
• US 2005013828 W 20050421
• US 56415604 P 20040421

Abstract (en)
[origin: WO2005105413A2] An improved automated method and apparatus are provided for forming composite structures, by calendering two or more elements of a pre-impregnated composite material into a band of uncured composite material, and then forming the uncured band of composite material into one or more formed, uncured composite structures.

IPC 8 full level
B31B 37/00 (2006.01); **B29C 67/20** (2006.01); **B29C 70/42** (2006.01); **B29C 70/50** (2006.01); **B29C 70/52** (2006.01); **B29C 70/54** (2006.01); **B29D 99/00** (2010.01); **C09J 1/00** (2006.01); **B29C 53/04** (2006.01)

CPC (source: EP US)
B29C 70/42 (2013.01 - EP US); **B29C 70/504** (2013.01 - EP US); **B29C 70/525** (2013.01 - EP US); **B29C 70/545** (2013.01 - EP US); **B29D 99/0003** (2013.01 - EP US); **B29C 53/043** (2013.01 - EP US); **B29L 2031/003** (2013.01 - EP US)

Citation (search report)
See references of WO 2005105413A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
WO 2005105413 A2 20051110; **WO 2005105413 A3 20061005**; CA 2563637 A1 20051110; EP 1755879 A2 20070228; US 2005269016 A1 20051208

DOCDB simple family (application)
US 2005013828 W 20050421; CA 2563637 A 20050421; EP 05737391 A 20050421; US 11169705 A 20050421